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OW nucleic - nucleic search, using sw model

Run on: August 4, 2004, 06:01:54 ; Search time 36.1446 Seconds  
(without alignment) 307.073 Million cell updates/sec

Title: US-09-940-860-1

Perfect score: 20

Sequence: 1. gcaacagatgataacc 20

Scoring table: OLIGO NUC  
Gapop 60.0, Gapext 60.0

Searched: 682709 seqs, 27747546 residues

Word size: 0

Total number of hits satisfying chosen parameters: 1365418

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-Processing: Listing first 45 summaries

Database: Issued Patents NA:  
1: /cgm2\_6/p/odates/2/ins/5A COMB. seq:.\*  
2: /cgm2\_6/p/odates/2/ins/5B COMB. seq:.\*  
3: /cgm2\_6/p/odates/2/ins/6A COMB. seq:.\*  
4: /cgm2\_6/p/odates/2/ins/6B COMB. seq:.\*  
5: /cgm2\_6/p/odates/2/ins/6C COMB. seq:.\*  
6: /cgm2\_6/p/odates/2/ins/6D COMB. seq:.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	20	100.0	24	3	US-09-073-465-9
2	20	100.0	195	1	US-08-227-475-7
3	20	100.0	279	4	US-09-107-532A-3170
4	20	100.0	279	4	US-09-107-532A-3171
5	20	100.0	538	3	US-08-979-586-3
6	20	100.0	538	4	US-09-577-640-3
7	20	100.0	571	3	US-09-328-111-755
8	20	100.0	619	3	US-08-953-171-2
9	20	100.0	624	3	US-09-328-111-728
10	20	100.0	660	1	US-08-114-695A-5
11	20	100.0	665	1	US-09-328-111-476
12	20	100.0	672	3	US-09-328-111-450
13	20	100.0	851	1	US-07-898-905-1
14	20	100.0	851	1	US-07-898-905-2
15	20	100.0	851	1	US-07-898-905-3
16	20	100.0	851	1	US-07-898-905-4
17	20	100.0	851	1	US-07-898-905-5
18	20	100.0	851	1	US-07-898-905-6
19	20	100.0	851	1	US-07-898-905-7
20	20	100.0	851	1	US-07-898-905-8
21	20	100.0	851	1	US-07-898-905-9
22	20	100.0	851	1	US-07-898-905-10
23	20	100.0	851	1	US-07-898-905-11
24	20	100.0	851	1	US-07-898-905-12
25	20	100.0	851	1	US-07-898-905-13
26	20	100.0	851	1	US-07-898-905-14
27	20	100.0	851	1	US-07-898-905-15

28	20	100.0	1396	3	US-08-953-171-6	Sequence 6, Appl1
29	20	100.0	1400	4	US-09-375-932A-5	Sequence 5, Appl1
30	20	100.0	1405	3	US-09-191-099-5	Sequence 5, Appl1
31	20	100.0	1407	4	US-09-193-377B-2	Sequence 2, Appl1
32	20	100.0	1407	4	US-09-517-744B-1	Sequence 2, Appl1
33	20	100.0	1408	2	US-08-632-470-40	Sequence 40, Appl1
34	20	100.0	1413	3	US-09-191-099-1	Sequence 1, Appl1
35	20	100.0	1414	2	US-09-191-099-6	Sequence 1, Appl1
36	20	100.0	1415	3	US-08-632-470-52	Sequence 5, Appl1
37	20	100.0	1415	3	US-09-193-377B-9	Sequence 9, Appl1
38	20	100.0	1417	4	US-09-565-063-2	Sequence 2, Appl1
39	20	100.0	1420	1	US-08-266-414-1	Sequence 1, Appl1
40	20	100.0	1420	3	US-09-193-377B-4	Sequence 4, Appl1
41	20	100.0	1426	3	US-09-193-377B-7	Sequence 7, Appl1
42	20	100.0	1427	2	US-08-632-470-27	Sequence 27, Appl1
43	20	100.0	1428	3	US-09-193-377B-1	Sequence 1, Appl1
44	20	100.0	1429	3	US-09-193-377B-8	Sequence 8, Appl1
45	20	100.0	1429	3	US-09-193-377B-8	Sequence 8, Appl1

#### ALIGNMENTS

RESULT 1  
US-09-073-465-9  
Sequence 9, Application US/09073465  
Patent No. 6054278  
GENERAL INFORMATION:  
APPLICANT: DODGE, Deborah E  
TITLE OF INVENTION: RIBOSOMAL RNA GENE POLYMORPHISM BASED MICROORGANISM  
TITLE OF INVENTION: IDENTIFICATION  
FILE REFERENCE: 4343 US  
CURRENT APPLICATION NUMBER: US/09/073, 465  
CURRENT FILING DATE: 1998-05-05  
NUMBER OF SEQ ID NOS: 17  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO: 9  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Unknown Organism  
FEATURE:  
OTHER INFORMATION: Description of Unknown Organism: Bacterial  
US-09-073-465-9

Query Match 100.0%; Score 20; DB 3; Length 24;  
Best Local Similarity 100.0%; Pred. No. 0.016;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GCAACAGATGATGATACC 20  
DB 2 GCAACAGATGATGATACC 21

RESULT 2  
US-08-227-475-7/c  
Sequence 7, Application US/08227475  
Patent No. 6521674  
GENERAL INFORMATION:  
APPLICANT: Hoshina, Sadayori  
APPLICANT: Weinstein, I. Bernard  
TITLE OF INVENTION: DNA Oligomers For Use In Detection Of  
TITLE OF INVENTION: Microorganisms And Methods Of Using Such DNA  
NUMBER OF SEQUENCES: 8  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: COOPER & DUNHAM  
STREET: 30 Rockefeller Plaza  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10112  
COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC COMPATIBLE  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.24  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/227,475  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/672,691  
FILING DATE: 18-MAR-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: White, John P.  
REGISTRATION NUMBER: 28,678  
REFERENCE/DOCKET NUMBER: 34546-A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 977-9550  
TELEFAX: (212) 664-0525  
TELEX: (212) 422523 COOP UT  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 195 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: unknown  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: N  
ANTI-SENSE: N  
US-08-227-475-7

Query Match 100.0%; Score 20; DB 1; Length 195;  
Best Local Similarity 100.0%; Pred. No. 0.014;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

CY 1 GCAACAGATTAGATACCC 20  
DB 128 GCAACAGATTAGATACCC 109

RESULT 3  
US-09-107-532A-3170/C  
Sequence 3170, Application US/09107532A  
Patent No. 6583275  
GENERAL INFORMATION:  
APPLICANT: Lynn A Doucette-Stamm and David Bush  
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO  
ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS  
NUMBER OF SEQUENCES: 7310  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: GENOME THERAPEUTICS CORPORATION  
STREET: 100 Beaver Street  
CITY: Waltham  
STATE: Massachusetts  
COUNTRY: USA  
ZIP: 02354  
COMPUTER READABLE FORM:  
MEDIUM TYPE: CD-ROM ISO9660  
COMPUTER: PC  
OPERATING SYSTEM: <Unknown>  
SOFTWARE: ASCII  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/107,532A  
FILING DATE: 30-Jun-1998  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/085,598  
FILING DATE: 14 May 1998  
APPLICATION NUMBER: 60/051571  
FILING DATE: July 2, 1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Arinello, Pamela Deneke  
REGISTRATION NUMBER: 40,489  
REFERENCE/DOCKET NUMBER: GTC-012  
TELECOMMUNICATION INFORMATION:

TELEPHONE: (781) 893-5007  
TELEFAX: (781) 893-8277  
INFORMATION FOR SEQ ID NO: 3170:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 279 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: circular  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
ORGANISM: Enterococcus faecium  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: (8) LOCATION 1...279  
SEQUENCE DESCRIPTION: SEQ ID NO: 3170:  
US-09-107-532A-3170

Query Match 100.0%; Score 20; DB 4; Length 279;  
Best Local Similarity 100.0%; Pred. No. 0.014;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

CY 1 GCAACAGATTAGATACCC 20  
DB 134 GCAACAGATTAGATACCC 115

RESULT 4  
US-09-107-532A-3171/C  
Sequence 3171, Application US/09107532A  
Patent No. 6583275  
GENERAL INFORMATION:  
APPLICANT: Lynn A Doucette-Stamm and David Bush  
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO  
ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS  
NUMBER OF SEQUENCES: 7310  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: GENOME THERAPEUTICS CORPORATION  
STREET: 100 Beaver Street  
CITY: Waltham  
STATE: Massachusetts  
COUNTRY: USA  
ZIP: 02354  
COMPUTER READABLE FORM:  
MEDIUM TYPE: CD-ROM ISO9660  
COMPUTER: PC  
OPERATING SYSTEM: <Unknown>  
SOFTWARE: ASCII  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/107,532A  
FILING DATE: 30-Jun-1998  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/085,598  
FILING DATE: 14 May 1998  
APPLICATION NUMBER: 60/051571  
FILING DATE: July 2, 1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Arinello, Pamela Deneke  
REGISTRATION NUMBER: 40,489  
REFERENCE/DOCKET NUMBER: GTC-012  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (781) 893-5007  
TELEFAX: (781) 893-8277  
INFORMATION FOR SEQ ID NO: 3171:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 279 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: circular  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO